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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-17 (Cancelled).

18. (New) A method for synthesizing 5-chloro-1-aryl-4- (4,5-dicyano-1H-imidazol-2-yl)-3-alkyl-1H-pyrazol compounds of the formula (I):

$$R_3$$
 R_2
 R_1
 R_1
 R_2
 R_1
 R_2
 R_3
 R_4
 R_5
 R_6
 R_6
 R_6
 R_7
 R_8
 R_1
 R_1
 R_1
 R_2
 R_3
 R_4
 R_5
 R_7
 R_8
 R_8
 R_8
 R_8
 R_8
 R_8
 R_8
 R_8
 R_9
 R_9

(I)

wherein :

 R_1 to R_5 , which are identical or different, each represent a group selected from the group consisting of:

- * a hydrogen atom,
- * a halogen atom,
- * a radical corresponding to the formula $-(X)n-R_7$, in which

X represents a group selected from the group consisting of oxygen, sulfur, sulfinyl radical and sulfonyl radical; n is 0 or 1; and R_7 represents a linear or branched, saturated or unsaturated alkyl radical optionally substituted with one or more halogen atoms, which are identical or different, the alkyl radical comprising 1 to 4 carbon atoms;

 R_6 represents a linear or branched, saturated or unsaturated alkyl radical comprising from 1 to 6 carbon atoms, optionally substituted with one or more halogen atoms, which are identical or different, which method comprises the steps of:

(a) converting a pyrazolin-5-one compound of the formula (II) to a 1-aryl-3-alkyl-4-carboxaldehyde-5chloropyrazol compound of the formula (IV) in one step by a Vilsmeier treatment in the presence of POCl₃ and DMF, Docket No.: <u>1169-040</u> PATENT

(b) converting the aldehyde of the formula (IV) to a 1-aryl-3-alkyl-4-[(2-amino-1,2-dicyanoethenylimino)methyl]-5-chloropyrazole compound of the formula (V) by condensing the aldehyde of the formula (IV) with diaminomaleonitrile, and

(c) oxidatively cyclizing the imine of the formula (V) with a hypochlorite to produce the compound of the formula I, as shown below:

- 19. (New) The method of claim 18, wherein step (a) is carried out by treating the compound of the formula (II) in DMF in the presence of 20 to 40 molar equivalents of POCl₃.
- 20. (New) The method of claim 19, wherein about 25 to 35 molar equivalents are used.

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21. (New) The method of claim 20, wherein 30 molar equivalents are used.

- 22. (New) The method of claim 19, wherein the (II)/DMF ratio is between 1 and 2.
- 23. (New) The method of claim 22, wherein the ratio of (II/DMF) is between 1-1.2.
- 24. (New) The method of claim 18, wherein step (b) is carried out in a solvent medium at a temperature of between 0 and 70°C .
- 25. (New) The method of claim 18, wherein step (b) is carried out in a methanolic medium with acid catalysis.
- 26. (New) The method of claim 25, wherein the catalyst is trifluoroacetic acid.
- 27. (New) The method of claim 18, wherein step (c) is carried out by treating the compound of the formula (V) with a hypochlorite comprising an alkali metal or alkaline-earth metal hypochlorite or an alkyl hypochlorite, in a hydroxylated aliphatic solvent, at a temperature of between -5°C and 25°C.
- 28. (New) The method of claim 27, wherein the temperature is between 0°C and 5°C .

29. (New) The method of claim 27, wherein sodium hypochlorite is used.

- 30. (New) The method of claim 18, wherein 1 to 5 molar equivalents of hypochlorite relative to the compound of the formula (V) are used.
- 31. (New) The method of claim 30, wherein 2 to 3 molar equivalents are used.
- 32. (New) The method of claim 18, wherein the compound of the formula (V) is treated:

in methanol,

at a molar concentration of (V) ranging from 0.005 M to 0.1 M, $\,$

with a hypochlorite in an amount ranging from 1 to 5 molar equivalents with respect to the compound of the formula (V), the hypochlorite being in an aqueous solution having a concentration ranging from 1 to 5 M.

33. (New) The method of claim 32, wherein the compound of the formula (V) is treated in methanol at a molar concentration ranging from 0.01M to 0.08M.

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34. (New) The method of claim 33, wherein the compound of the formula (V) is treated in methanol at a molar concentration ranging from $0.02\ M$ to 0.06M.

35. (New) The method as claimed in claim 1, wherein steps (b) and (c) are carried out in a single step (d), in the same reactor, without isolation of the intermediate product (V), as shown in the reaction scheme below:

- 36. (New) The method of claim 35, which comprises:
- (a) in a first step, converting the pyrazolin-5-one compound of the formula (II) to the 1-aryl-3-alkyl-4-

carboxaldehyde-5-chloropyrazol compound of the formula (IV) in one step by Vilsmeier treatment in the presence of $POCl_3$ and DMF, and

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- (d) in a second step, successively treating the compound of the formula (IV) with diaminomaleonitrile and then with a hypochlorite.
- 37. (New) The method of claim 36, wherein step (d) is carried out in a hydroxylated aliphatic solvent medium, with, firstly, for the formation of the imine with diaminomaleonitrile, a molar concentration of substrate of between 0.15 and 0.2 M, with an acid catalyst present in proportions of between 0.02 and 0.2 molar equivalent; and then, secondly, for oxidative cyclization and formation of the imidazolyl ring, dilution to a molar concentration of substrate of between 0.01 and 0.08 M, and the use of 2 to 3 molar equivalents of sodium hypochlorite having a concentration ranging from 2 M to 5 M.
- 38. (New) The method of claim 37, wherein the acid catalyst is trifluoroacetic acid.
- 39. (New) The method of claim 18, wherein in the formula (I), n=0.

40. (New) The method of claim 18, wherein one or more of the following conditions are met:

 R_1 to R_5 , which are identical or different, represent a group selected from the group consisting of:

- * a hydrogen atom,
- * a halogen atom,
- * a linear or branched, saturated or unsaturated alkyl radical R₇, optionally substituted with one or more halogen atoms, which are identical or different, the alkyl radical comprising 1 to 4 carbon atoms,

 R₆ represents a linear or branched, saturated or unsaturated alkyl radical comprising from 1 to 4 carbon atoms.
- 41. (New) The method of claim 18, wherein one or more of the following conditions are met:

 R_1 to R_5 , which are identical or different, represent a group selected from the group consisting of:

- * a hydrogen atom,
- * a chlorine atom,
- * a linear or branched, saturated or unsaturated alkyl radical R_7 , optionally substituted with one or more fluorine atoms, the alkyl radical comprising 1 to 4 carbon atoms,

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 R_6 represents a radical selected from the group consisting of methyl, ethyl, tert-butyl and isopropyl.

42. (New) The method of claim 18, wherein the product of the formula (I) is selected from the group consisting of:

5-chloro-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-(4,5-dicyano-1H-imidazol-2-yl)-3-methyl-1H-pyrazol,

5-chloro-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-(4,5-dicyano-1H-imidazol-2-yl)-3-isopropyl-1H-pyrazol,

5-chloro-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-(4,5-dicyano-1H-imidazol-2-yl)-3-ethyl-1H-pyrazol, and

5-chloro-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-(4,5-dicyano-1H-imidazol-2-yl)-3-tert-butyl-1H-pyrazol.